

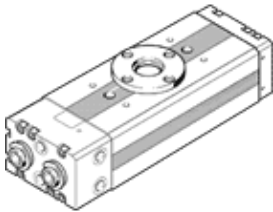
# Semi-rotary actuator DRQD-B-25-180-PPVJ-A-AL-FW

Part number: 563343  
Product to be discontinued

FESTO

for position sensing, with adjustable end position cushioning and play compensating gearing, supply port left.

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



## Data sheet

| Feature                                     | Value   |
|---|---|
| Size  | 25  |
| Setting range of swivel angle on both sides | -20 /+ 6 deg  |
| Swivel angle                                | 180 deg   |
| Cushioning                                  | PPVJ: Pneumatic cushioning, adjustable                                      |
| Assembly position                           | Any   |
| Design structure                            | Rack and pinion   |
| Position detection                          | For proximity sensor  |
| Working pressure                            | 1 ... 10 bar  |
| Max. swivel frequency at 6 bar              | 1.3 Hz  |
| Mode of operation                           | double-acting   |
| Operating medium                            | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium          | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC     | 1   |
| Ambient temperature                         | -10 ... 60 °C   |
| Theoretical torque at 6 bar                 | 6.1 Nm  |
| Permissible mass moment of inertia          | 0.002 kgm <sup>2</sup>  |
| Mounting type                               | Optional<br>with through hole<br>with internal (female) thread              |
| Pneumatic connection                        | M5  |
| Materials note                              | Free of copper and PTFE   |
| Materials information for drive shaft       | Heat-treatment steel  |
| Materials information for cover             | Aluminum  |
| Materials information for seals             | NBR<br>TPE-U(PU)  |
| Materials information, housing              | Aluminum  |